

1.42

Ad 4 Egg

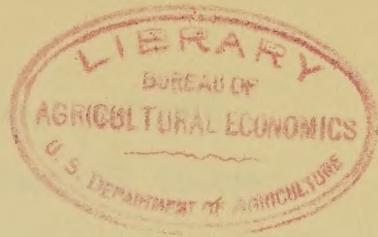
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UNITED STATES DEPARTMENT OF AGRICULTURE
DIVISION OF MARKETING AND MARKETING AGREEMENTS
GENERAL CROPS SECTION



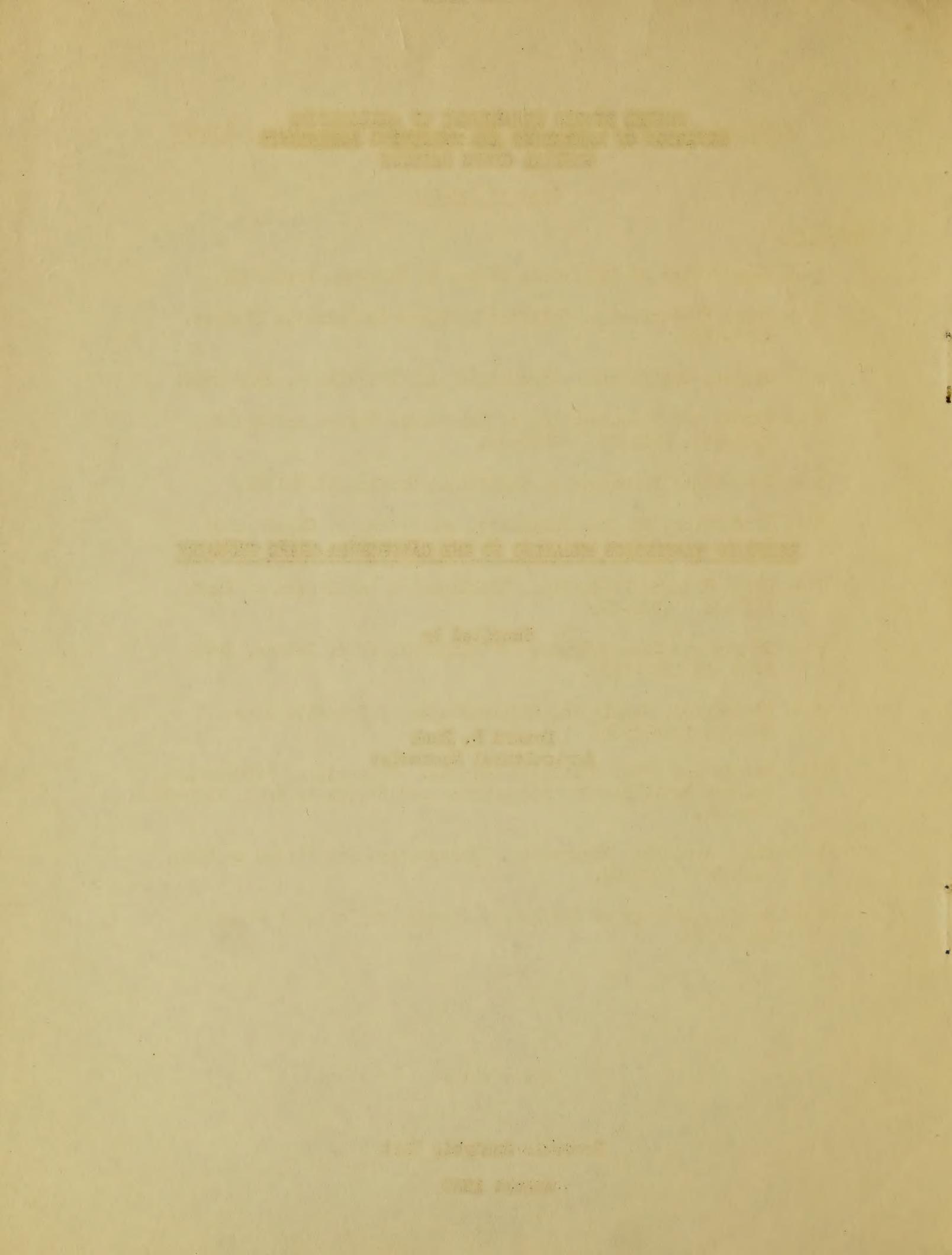
ECONOMIC STATISTICS RELATING TO THE CALIFORNIA GRAPE INDUSTRY

Compiled by

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Agricultural Economist

Economic Analysis Unit

August 1939



ECONOMIC STATISTICS RELATING TO THE CALIFORNIA GRAPE INDUSTRY

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* * * * *

GENERAL INFORMATION AND DOCUMENTS RECEIVED

GENERAL INFORMATION

Additional details of any information to which you have access
concerning the fact of your arrest and the authorities used —

Specified additional facts concerning your arrest —
and the names of persons to whom you spoke —

Names of persons who were engaged in
attempting to secure the arrested subject, and their —
and the names of persons of authority who received —

and by whom they were sent messages — and —

and names of persons to whom you spoke —

and if you are connected with any organization —

and if you are connected with any organization —

and if you are connected with any organization —

and if you are connected with any organization —

Table 1
Farm Prices of California Grapes by Classes
1919-1938

| Year | All | | | Raisin | | Raisins |
|-------------|-------------|----------|------------------------------------|------------|-------------|-----------|
| | Grapes | Wine | Table | Grapes | | |
| | : per Fresh | : Grapes | : Grapes | : Marketed | : Per Fresh | : Per Dry |
| | Ton | | | : Fresh | Ton | Ton |
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | | | <u>- - - dollars per ton - - -</u> | | | |
| 1919 | 55 | 50 | 75 | -- | 56 | 210 |
| 1920 | 65 | 75 | 75 | 40 | 63 | 235 |
| 1921 | 62 | 82 | 80 | 40 | 51 | 190 |
| 1922 | 41 | 65 | 60 | 30 | 28 | 105 |
| 1923 | 22 | 40 | 40 | 20 | 12 | 45 |
| 1924 | 33 | 63 | 40 | 20 | 19 | 70 |
| 1925 | 28 | 60 | 20 | 20 | 21 | 80 |
| 1926 | 25 | 45 | 25 | 20 | 19 | 70 |
| 1927 | 24 | 45 | 26 | 23 | 16 | 60 |
| 1928 | 16 | 25 | 26 | 10 | 11 | 40 |
| 1929 | 24 | 35 | 35 | 20 | 16 | 61 |
| 1930 | 16 | 20 | 21/1 | 13/1 | 16 | 59 |
| 1931 | 20 | 19 | 35 | 25 | 16 | 60 |
| 1932 | 12 | 12 | 16 | 19 | 10 | 39 |
| 1933 | 16 | 20 | 15 | 17 | 15 | 57 |
| 1934 | 17 | 15 | 23 | 20 | 17 | 64 |
| 1935 | 13 | 12 | 14 | 12 | 15 | 56 |
| 1936 | 19 | 17 | 25 | 19 | 19 | 70 |
| 1937 | 19 | 21 | 22 | 21 | 17 | 63 |
| 1938/2 | 14 | 13 | 19 | 15 | 13 | 47 |
| Av. 1924-28 | 25 | 48 | 27 | 19 | 17 | 64 |
| Av. 1933-37 | 17 | 17 | 20 | 18 | 17 | 62 |

/1. Includes returns from Control Board for unharvested grapes as well as returns from fresh raisin grapes actually marketed.

/2. Preliminary.

Source of data: Univ. of Calif., College of Agriculture, Berkeley, Calif., Shear, S. W., Deciduous Fruit Statistics as of January 1939. Mimeo. Report No. 66. Grapes, Table 3.

Note: Col. 1 - Wtd. Average of Cols. 2, 3, 4, and 6.
Col. 5 - Items in Col. 6 divided by 3.75.

Table 2

Total Production* of California Grapes by Varietal/¹ Classes

1919-1939

| Crop Year | Total | Table /1 | Wine /1 | Raisin /1 |
|-------------|-----------|-----------|-----------|-----------|
| | | 1 tons | 2 tons | 3 tons |
| 1919 | 1,345,000 | 200,000 | 400,000 | 745,000 |
| 1920 | 1,273,000 | 166,000 | 375,000 | 732,000 |
| 1921 | 1,100,000 | 163,000 | 310,000 | 627,000 |
| 1922 | 1,806,000 | 283,000 | 480,000 | 1,043,000 |
| 1923 | 2,030,000 | 312,000 | 428,000 | 1,290,000 |
| 1924 | 1,535,000 | 325,000 | 350,000 | 860,000 |
| 1925 | 2,050,000 | 439,000 | 395,000 | 1,216,000 |
| 1926 | 2,129,000 | 398,000 | 414,000 | 1,317,000 |
| 1927 | 2,406,000 | 490,000 | 473,000 | 1,443,000 |
| 1928 | 2,366,000 | 478,000 | 482,000 | 1,406,000 |
| 1929 | 1,827,000 | 312,000 | 417,000 | 1,098,000 |
| 1930 | 2,181,000 | 388,000 | 486,000 | 1,307,000 |
| 1931 | 1,320,000 | 229,000 | 316,000 | 775,000 |
| 1932 | 1,926,000 | 317,000 | 388,000 | 1,221,000 |
| 1933 | 1,660,000 | 270,000 | 420,000 | 970,000 |
| 1934 | 1,700,000 | 346,000 | 476,000 | 878,000 |
| 1935 | 2,194,000 | 375,000 | 571,000 | 1,248,000 |
| 1936 | 1,714,000 | 324,000 | 472,000 | 918,000 |
| 1937 | 2,454,000 | 416,000 | 631,000 | 1,407,000 |
| 1938 | 2,531,000 | 447,000 | 641,000 | 1,443,000 |
| 1939/2 | 2,296,000 | 390,000 | 569,000 | 1,337,000 |
| 1924-28 Av. | 2,097,200 | 426,000 | 422,800 | 1,248,400 |
| 1933-37 Av. | 1,944,400 | 346,200 | 514,000 | 1,084,200 |

* Includes both harvested and unharvested production.

/1. The chief varieties included in each class by the Crop Reporting Service in accordance with the most usual use for each variety are as follows: Raisin: Thompson Seedless, Muscat, and Sultana. Table: Tokay, Malaga, Emporor, Red Malaga, Cornichon, Almeria, Ribier. Wine: Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, and Mataro, and also several minor black and white varieties.

/2. Preliminary estimate.

Source of data: 1919-34 - Univ. of Calif., College of Agriculture, Berkeley, Calif., Shear, S. W., Deciduous Fruit Statistics as of January 1939. Mimeo. Report No. 66, Grapes, Table 2.
 1935-39 - Calif. Dept. of Agriculture, Agricultural Statistical Service, Sacramento, Calif. Fruit and Nut Crops, Mimeo. Report of July 1, 1939.

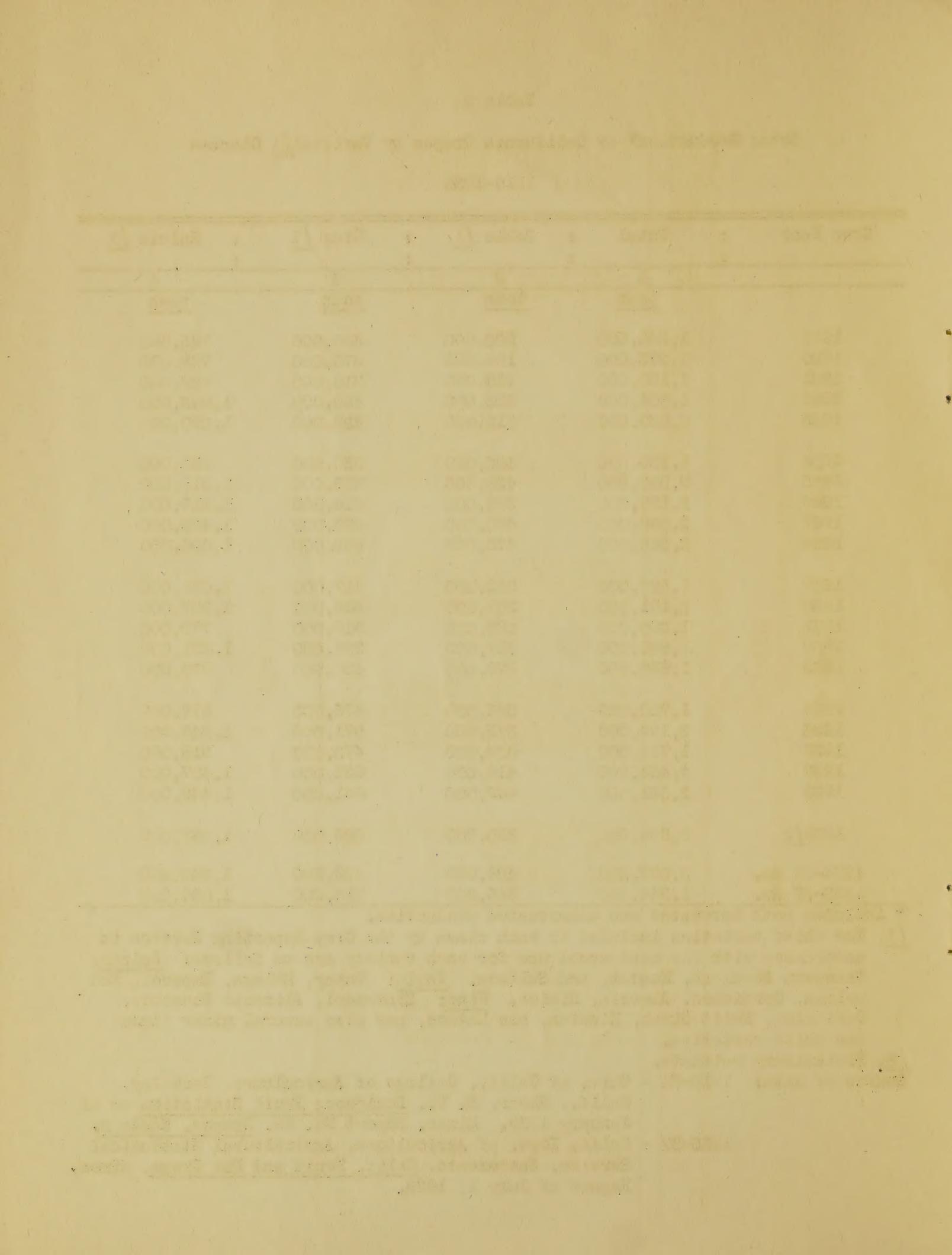


Table 3

Grapes, California: Production and Utilization
1927-1938

| Year | Total | | | Unharvested | | | Production | | | Table Purposes | | | Raisins/1 | | | Canned |
|--------------------|------------|---------|---|-------------|--------|---|------------|---|-----------|----------------|-------|---|-------------|---|--|-------------|
| | Production | | | Unharvested | | | Production | | | Table Var. | | | Fresh Basis | | | Fresh Basis |
| | 1 | 2 | : | 3 | : | 4 | 5 | : | 6 | : | 7 | 6 | : | 7 | | |
| (In Terms of Tons) | | | | | | | | | | | | | | | | |
| 1927 | 2,406,000 | 98,600 | | 302,600 | 80,500 | | 383,100 | | 1,104,000 | | 2,400 | | | | | |
| 1928 | 2,366,000 | 153,000 | | 355,700 | 69,700 | | 405,400 | | 1,008,000 | | 1,600 | | | | | |
| 1929 | 1,827,000 | 0 | | 236,600 | 83,600 | | 320,200 | | 824,000 | | 2,300 | | | | | |
| 1930 | 2,181,000 | 433,000 | | 245,300 | 71,100 | | 316,400 | | 731,000 | | 1,300 | | | | | |
| 1931 | 1,320,000 | 10,000 | | 185,000 | 50,400 | | 235,400 | | 640,000 | | 300 | | | | | |
| 1932 | 1,926,000 | 154,000 | | 167,000 | 63,400 | | 230,400 | | 1,012,000 | | 500 | | | | | |
| 1933 | 1,660,000 | 3,000 | | 148,200 | 53,030 | | 201,230 | | 756,000 | | 970 | | | | | |
| 1934 | 1,700,000 | 0 | | 186,800 | 76,600 | | 263,400 | | 679,200 | | 2,200 | | | | | |
| 1935 | 2,194,000 | 0 | | 175,400 | 77,100 | | 252,500 | | 808,500 | | 2,400 | | | | | |
| 1936 | 1,714,000 | 0 | | 205,700 | 84,100 | | 289,800 | | 728,000 | | 3,200 | | | | | |
| 1937 | 2,454,000 | 0 | | 212,700 | 97,500 | | 310,200 | | 994,000 | | 7,500 | | | | | |
| 1938 | 2,531,000 | 0 | | 201,800 | 91,300 | | 293,100 | | 1,168,800 | | 5,000 | | | | | |
| Av. 1933-37 | 1,944,400 | 600 | | 185,760 | 77,666 | | 263,426 | | 793,140 | | 3,254 | | | | | |

(Continued)

Table 3 (Continued)

Grapes, California: Production and Utilization
1927-1938

(In Terms of Tons)

| Year | Crushed by Commercial Wineries | | | Otherwise Used for Juice | | | Juice Purposes | | |
|-------------|--------------------------------|---------|---------|--------------------------|---------|---------|----------------|---------|-----------------|
| | Wine | Raisin | Table | Total | Wine | Raisin | Table | Total | Total for Juice |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1927 | 15,000 | 12,600 | 47,400 | 75,000 | 458,000 | 243,500 | 41,400 | 742,900 | 817,900 |
| 1928 | 47,200 | 28,000 | 27,800 | 103,000 | 416,800 | 238,700 | 39,500 | 695,000 | 798,000 |
| 1929 | 12,000 | 24,000 | 15,000 | 51,000 | 405,000 | 164,100 | 60,400 | 629,500 | 680,500 |
| 1930 | 23,400 | 22,000 | 28,700 | 74,100 | 422,600 | 162,600 | 40,000 | 625,200 | 699,300 |
| 1931 | 26,000 | 4,600 | 4,000 | 34,600 | 280,000 | 79,700 | 40,000 | 399,700 | 434,300 |
| 1932 | 60,000 | 12,000 | 27,000 | 99,000 | 303,000 | 112,100 | 15,000 | 430,100 | 529,100 |
| 1933 | 260,000 | 80,000 | 104,000 | 444,000 | 160,000 | 80,000 | 14,800 | 254,800 | 698,800 |
| 1934 | 301,000 | 90,000 | 139,000 | 530,000 | 175,000 | 30,000 | 20,200 | 225,200 | 755,200 |
| 1935 | 392,000 | 300,000 | 195,000 | 887,000 | 179,000 | 60,000 | 4,600 | 243,600 | 1,130,600 |
| 1936 | 322,000 | 67,000 | 105,000 | 494,000 | 150,000 | 35,700 | 13,300 | 199,000 | 693,000 |
| 1937 | 466,000 | 254,000 | 191,000 | 911,000 | 164,800 | 60,000 | 6,500 | 231,300 | 1,142,300 |
| 1938 | 495,400 | 142,000 | 224,600 | 862,000 | 143,600 | 44,700 | 13,800 | 202,100 | 1,064,100 |
| Av. 1933-37 | 348,200 | 158,200 | 146,800 | 653,200 | 165,760 | 53,140 | 11,880 | 230,780 | 883,980 |

1. Excluding dried grapes used for juice purposes.

Source of data: Cols. 1, 2, 6, 7, 8, 9, 10, 11 -- Compiled from California Cooperative Crop Reporting Service, California Fruit and Nut Crops, mimeo. reports.

Cols. 3, 4, 5, 12, 13, 14, 15, 16 -- 1927-36, estimated by Shear, S. W., Giannini Foundation of Agricultural Economics, Univ. of California; 1937-38, estimated by Rush, D. R., General Crops Section, Div. of Marketing and Marketing Agreements, Washington, D. C., from California Cooperative Crop Reporting Service and Federal-State Market News Service reports.

Table 4

Supply and Disappearance of California Grapes and Grape Products/¹
1933-34 -- 1939-40

| Marketing Year | Production of Grapes | Supply | | Disappearance | | | Actual "Normal" | |
|------------------------|----------------------|----------------------|-------------------------|---------------|----------------------|--------------|-----------------|--------------------------|
| | | Carryover: | Total of Wine & Raisins | Raisins: | Wine and Brandy: | Total Other: | Carryover: | Total of Grape Products: |
| 1933-34 | 1,660 | 420 | 225 | 2,305 | 800 | 160 | 520 | 1,480 |
| 1934-35 | 1,700 | 400 | 425 | 2,525 | 764 | 355 | 606 | 1,725 |
| 1935-36 | 2,194 | 320 | 480 | 2,994 | 872 | 565 | 542 | 1,979 |
| 1936-37 | 1,714 | 260 | 755 | 2,729 | 768 | 625 | 486 | 1,879 |
| 1937-38 | 2,454 | 220 | 630 | 3,304 | 908 | 590 | 551 | 2,049 |
| 1938-39 | 2,531 | 300 | 955 | 3,786 | 1,032 ^{1/2} | 620 | 500 | 2,152 ^{1/2} |
| 1939-40 ^{1/4} | 2,460 | 1,186 ^{1/2} | 4,094 ^{1/2} | | | | | |

- ¹In thousands of tons - fresh grape equivalent - - -
- ^{1/1.} Conversion factors: Raisins, 1 dry ton equals 4 fresh tons; Brandy, 40 proof gallons per ton; Sweet wine, 85 gallons per ton; Dry wine, 160 gallons per ton.
- ^{1/2.} "Normal" carryover considered as follows: Raisins, 50,000 tons or 200,000 fresh tons; Wine and brandy, the disappearance in the following fiscal year. 1938-39 is rough estimate.
- ^{1/3.} Includes 207,000 tons, the approximate fresh grape equivalent of the surplus pool raisins resulting from the 1938 prorate, and which have been sold for utilization as stock feed and fortifying brandy.
- ^{1/4.} Preliminary. The estimate of production (2,460,000 tons) is a private estimate based upon July 1 condition and previous production estimates. It exceeds the July 1 estimate of the California Cooperative Crop Reporting Service by 164,000 tons.
- ^{1/5.} Includes 225,000 tons, the approximate fresh grape equivalent of 9 million gallons of beverage brandy produced under the 1938 prorate program.

Prepared by Ockey, Gordon E., Farm Credit Administration of Berkeley, California, on basis of data compiled by Shear, S. W., Giannini Foundation of Agricultural Economics, University of California, the California Cooperative Crop Reports, and reports of the Bureau of Internal Revenue.

Source of data:

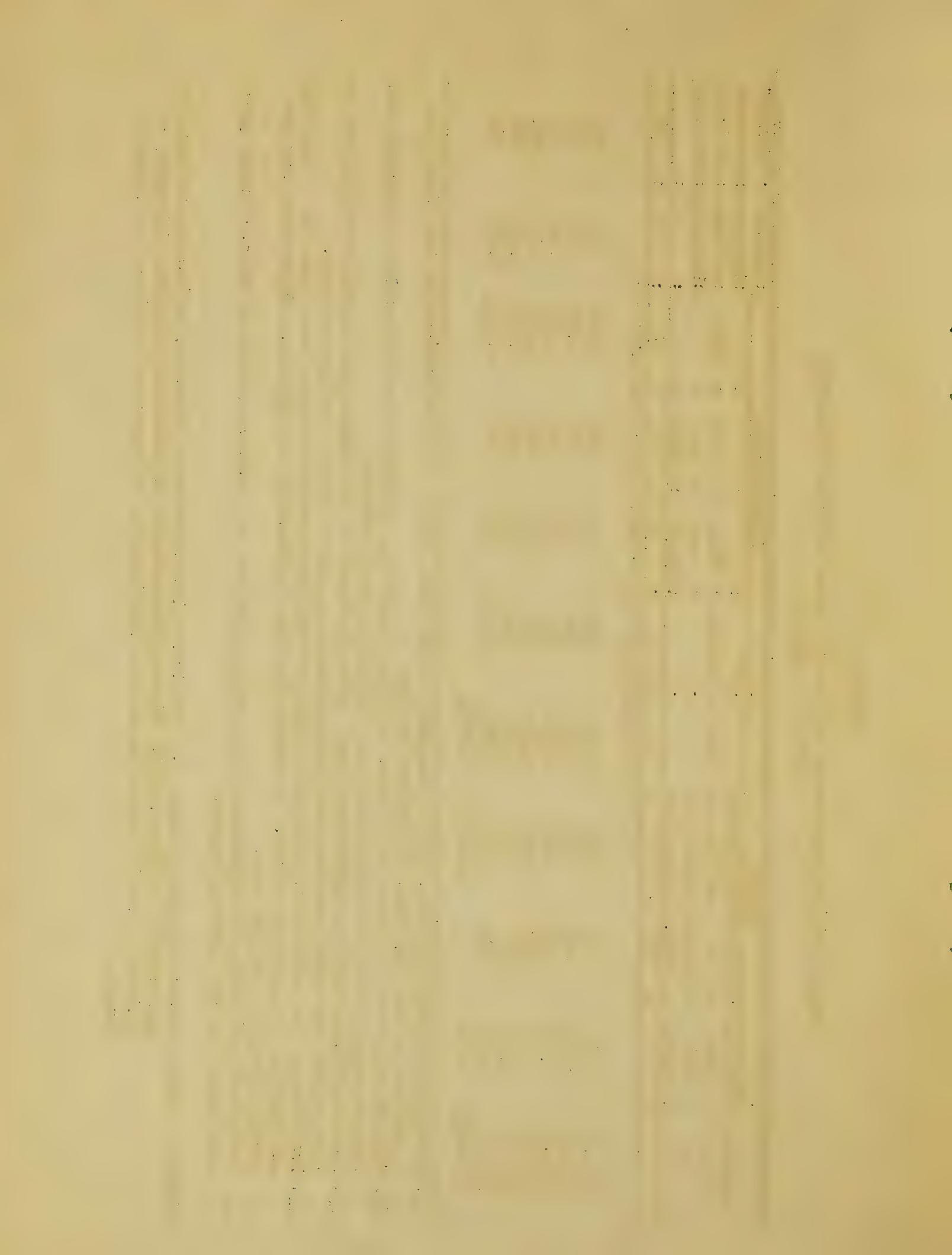


Table 5

Interstate Shipments of California Grapes

1927-1938

| Year | Table Grapes/ <u>1</u> | | | Black Juice/ <u>2</u> | | | White Juice/ <u>3</u> | | | Unclassified | | | Total | | |
|-------------|------------------------|----------------|--------|-----------------------|----------------|---------|-----------------------|-------|----------------|--------------|----------------|------|----------------|------|----------------|
| | Cars | Tons/ <u>4</u> | Cars | Cars | Tons/ <u>4</u> | Cars | Tons/ <u>4</u> | Cars | Tons/ <u>4</u> | Cars | Tons/ <u>4</u> | Cars | Tons/ <u>4</u> | Cars | Tons/ <u>4</u> |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1927 | 25,802 | 350,907 | 29,515 | 401,404 | 16,982 | 230,955 | 210 | 2,856 | 72,509 | 986,122 | | | | | |
| 1928 | 26,552 | 371,725 | 26,159 | 363,610 | 15,774 | 219,259 | 156 | 2,166 | 68,641 | 956,765 | | | | | |
| 1929 | 20,307 | 284,298 | 24,491 | 342,874 | 11,340 | 158,760 | 105 | 1,470 | 56,243 | 787,402 | | | | | |
| 1930 | 22,516 | 281,450 | 27,206 | 353,640 | 11,163 | 143,828 | -- | -- | 60,885 | 778,918 | | | | | |
| 1931 | 15,959 | 204,275 | 15,805 | 205,465 | 4,925 | 64,025 | 103 | 1,329 | 36,792 | 475,094 | | | | | |
| 1932 | 15,153 | 186,382 | 17,272 | 241,800 | 6,555 | 75,785 | 48 | 614 | 39,028 | 507,584 | | | | | |
| 1933 | 13,624 | 163,488 | 8,944 | 125,216 | 4,164 | 58,296 | 62 | 825 | 26,794 | 347,825 | | | | | |
| 1934 | 15,157 | 221,292 | 10,281 | 145,987 | 2,773 | 38,836 | 14 | 14 | 200 | 28,225 | 406,315 | | | | |
| 1935 | 14,453 | 209,568 | 11,208 | 159,154 | 4,216 | 59,867 | 35 | 500 | 29,912 | 429,089 | | | | | |
| 1936 | 17,084 | 247,718 | 8,999 | 127,783 | 3,234 | 44,324 | 110 | 1,551 | 29,427 | 421,376 | | | | | |
| 1937 | 15,223 | 264,233 | 10,758 | 152,762 | 4,589 | 62,878 | 70 | 987 | 33,640 | 480,860 | | | | | |
| 1938 | 16,969 | 246,341 | 5,562 | 125,839 | 3,505 | 45,028 | 37 | 522 | 29,393 | 420,730 | | | | | |
| 1933-37 Av. | 15,705 | 221,260 | 10,038 | 142,180 | 3,795 | 52,840 | 55 | 813 | 29,599 | 417,093 | | | | | |

1. Includes all varieties shipped for table purposes irrespective of major use classification.2. Includes all black juice varieties shipped for juice purposes irrespective of major use classification.3. Includes all white juice varieties shipped for juice purposes irrespective of major use classification.4. Cars converted to tons basis of average loadings per car by use classification and type of grape, as compiled by S. W. Sheer, Giannini Foundation of Agricultural Economics, University of California.Source of data: U. S. Dept. Agr., Bur. Agr. Econ., and Calif. Dept. Agr., Cox, W. F., Interstate Passings of California Tree Fruits and Grapes, Season 1938 with Comparisons. Jan. 9, 1939.

Table 6
Production, Stocks, Shipments, and Prices of California Raisins/¹
and Production in Foreign Countries
1924-1939

| Year Beginning Sept. 1 | Produc- tion | Stocks on hand | Total Supply | Apparent Disappearance | | | F.O.B. Price Choice Bulk Produc- tion | | |
|------------------------------|--------------------|--------------------|----------------------|------------------------------------|---------|-------------|------------------------------------------------|------------------|---------------|
| | | | | Net Domest- ic Ship- ments/2 | Exports | Total /3 | Price to Growers | cents per lb. | 1,000 tons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | - - 1,000 tons - - - | | | | | | |
| 1924 | 170 | 356 | 168 ^{1/4} | 120 | 52 | 220 | 70 | 7.4 | 198 |
| 1925 | 200 | 267 | 168 ^{1/4} | 163 | 72 | 240 | 80 | 7.3 | 158 |
| 1926 | 272 | 331 | 162 | 162 | 83 | 245 | 70 | 6.8 | 156 |
| 1927 | 285 | 385 | 178 | 178 | 107 | 285 | 60 | 5.6 | 209 |
| 1928 | 261 | 381 | 171 | 171 | 119 | 290 | 40 | 4.4 | 184 |
| 1929 | 215 | 84 | 299 | 149 | 149 | 66 | 215 | 4.9 | 192 |
| 1930 | 192 | 81 | 273 | 148 ^{1/4} | 147 | 67 | 215 | 4.7 | 164 |
| 1931 | 169 | 69 | 238 | 124 ^{1/4} | 120 | 61 | 185 | 5.1 | 152 |
| 1932 | 270 | 58 | 328 | 155 | 155 | 65 | 220 | 5.3 | 182 |
| 1933 | 195 | 105 | 300 | 138 ^{1/4} | 123 | 52 | 190 | 4.2 | 197 |
| 1934 | 171 | 100 | 271 | 143 | 143 | 48 | 191 | 4.3 | 194 |
| 1935 | 203 | 80 | 283 | 159 ^{1/4} | 154 | 61 | 220 | 4.1 | 238 |
| 1936 | 187 | 65 | 252 | 141 | 141 | 59 | 200 | 4.8 | 223 |
| 1937 | 254 | 55 | 309 | 147 ^{1/4} | 132 | 77 | 224 | 4.0 | 188 |
| 1938/5 | 292 | 85 ^{1/2} | 377 | 190 ^{1/4} /1 | 128/1 | 81 | 271 | 3.8 | 256 |
| | | | | | | | | | 232/5 |
| 1939 | 275 ^{1/2} | 106 ^{1/2} | 381 ^{1/2} | | | | | | |
| Av. 1924-28 | 238 | 106 | 344 | 169 | 159 | 256 | 64 | 6.3 | 181 |
| Av. 1933-37 | 202 | 81 | 283 | 146 | 139 | 205 | 62 | 4.3 | 208 |

Note: Supplies less shipments do not always equal stocks on hand the next season due, primarily, to lack of data on diversion.

^{1/1}: Data on sweat-box basis.

^{1/2}: Diversions and relief shipments included.

^{1/3}: Prior to 1934 shipments given to nearest 5,000 tons. Includes following diversions: 1924 -- 48,085 tons, 1925 -- 5,356 tons, 1930 -- 1,412 tons, 1931 -- 3,639 tons, 1933 -- 15,000 tons, 1935 -- 5,000 tons, 1938 -- 52,000 tons. Includes following relief shipments: 1937 -- 15,000 tons and 1938 -- 10,000 tons.

^{1/4}: Preliminary.

^{1/5}: Includes 10,000 tons of relief purchases unshipped Sept. 1. Includes following diversions: 1924 -- 48,085 tons, 1925 -- 5,356 tons, 1930 -- 1,412 tons, 1931 -- 3,639 tons, 1933 -- 15,000 tons, 1935 -- 5,000 tons, 1938 -- 52,000 tons.

^{1/6}: Estimated by D. R. Rush, General Crops Section, Division of Marketing and Marketing Agreements, U.S. Dept. Agr.

Source of data: Calculated from data compiled by Shear, S. W., Giannini Foundation of Agricultural Economics, University of California.

Table 7

Still Wines: Production, Withdrawals, and Stocks on Hand
1933-34 -- 1938-39

| Year Beginning July 1 | Wine Removed From Fer- menters <u>1</u> | Production | | | Tax-paid Withdrawals | | | Stocks on Hand June 30 | | | |
|---------------------------------------|-----------------------------------------------------|------------|----------|----------|----------------------|----------|----------|------------------------|----------|----------|--|
| | | Over 14 | | Total | Under 14 | | Total | Under 14 | | Total | |
| | | Per cent | <u>2</u> | Per cent | Per cent | Per cent | Per cent | Per cent | Per cent | Per cent | |
| -- thousands of wine gallons -- -- -- | | | | | | | | | | | |
| 1933-34 | 77,778 | 22,000 | 19,000 | 41,000 | 5,053 | 9,472 | 14,525 | 30,504 | 19,664 | 50,168 | |
| 1934-35 | 91,930 | 15,000 | 29,000 | 44,000 | 12,146 | 23,271 | 35,417 | 32,898 | 23,579 | 56,477 | |
| 1935-36 | 170,903 | 15,000 | 59,000 | 74,000 | 15,790 | 31,694 | 47,484 | 31,385 | 47,087 | 78,472 | |
| 1936-37 | 122,045 | 16,000 | 41,000 | 57,000 | 20,994 | 41,041 | 62,035 | 25,739 | 42,369 | 68,108 | |
| 1937-38 | 228,726 | 32,000 | 64,000 | 96,000 | 21,353 | 39,823 | 61,176 | 40,152 | 61,865 | 102,017 | |
| 1938-39/ <u>3</u> | 231,986 | 25,000 | 43,000 | 63,000 | 22,457 | 44,912 | 67,369 | 39,664 | 55,197 | 94,861 | |

1. Represents quantities removed from fermenters, including distilling material intended for use in the production of brandy.

2. Total of wine fortified after addition of brandy.
3. Preliminary.

Source of data: Col. 2: 1933-36, Estimates of production made by Ockey, Gordon E., Bur. Agr. Econ.; 1937, 1938, made by Rush, Donald R., General Crops Section, based on reports of Bureau of Internal Revenue and of the Wine Institute, San Francisco, California.

Cols. 1, 3, 5, 6, 7, 8, 9, and 10: (except 1938-39), U. S. Treasury Dept., Bureau of Internal Revenue, Alcohol Tax Unit, Statistics on Wine, Fiscal Year Ending June 30, for 1934, 1935, 1936, 1937, and 1938. 1938-39, U. S. Treasury Dept., Bureau of Internal Revenue, Alcohol Tax Unit, Comparative Statistics on Still and Sparkling Wine for June and for the Fiscal Years 1939 and 1938.

Col. 4: Col. 2 plus Col. 3.

Table 8

Supply and Disappearance of California Fruit Brandy/1
1890-1918 and 1933-1938

| Year Beginning July 1 | Production | Supply | Carryover | Apparent Disappearance into Domestic and Foreign Outlets | | | | Commercial Brandy <u>7</u> |
|-----------------------------|------------|----------|-----------|-------------------------------------------------------------|---------------------------|------------------|----------|----------------------------------|
| | | | | Total | Used for Fortification | Direct Export | <u>5</u> | |
| <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> | <u>7</u> | <u>8</u> | <u>7</u> |
| Av. 1890-1899 | 2,101 | 3,385 | 1,250 | 2,135 | 1,191 | 101 | 843 | |
| Av. 1900-1909 | 5,073 | 6,381 | 1,146 | 4,915 | 3,469 | 14 | 1,432 | |
| Av. 1910-1914 | 7,636 | 10,201 | 2,736 | 7,416 | 4,969 | 6 | 2,441 | |
| Av. 1915-1918 | 4,683 | 7,316 | 1,881 | 5,436 | 2,928 | 87 | 2,421 | |
| Av. 1933-1937 | 13,748 | 16,351 | 3,189 | 13,162 | 11,733 | 12 | 1,429 | |
| 1910 | 7,316 | 9,734 | 2,456 | 7,278 | 4,952 | 7 | 2,319 | |
| 1911 | 8,722 | 11,175 | 2,724 | 8,454 | 6,153 | 13 | 2,288 | |
| 1912 | 7,473 | 10,196 | 2,767 | 7,429 | 4,671 | 15 | 2,753 | |
| 1913 | 9,765 | 9,532 | 2,460 | 7,072 | 4,643 | 3 | 2,426 | |
| 1914 | 7,906 | 10,366 | 3,521 | 6,845 | 4,426 | 2 | 2,417 | |
| 1915 | 3,780 | 7,301 | 3,492 | 3,809 | 4,156 | 7 | 2,546 | |
| 1916 | 7,872 | 11,364 | 2,286 | 9,078 | 4,896 | 251 | 3,931 | |
| 1917 | 5,296 | 7,582 | 1,216 | 6,305 | 3,755 | 40 | 2,571 | |
| 1918 | 1,802 | 3,013 | 1,529 | 2,489 | 1,906 | 48 | 535 | |
| 1933 | 7,035 | 8,244 | 2,353 | 5,891 | 4,711 | 1,180 | 1,457 | |
| 1934 | 9,292 | 11,645 | 2,738 | 5,907 | 7,450 | 72 | 1,526 | |
| 1935 | 19,233 | 21,971 | 3,732 | 18,239 | 16,713 | 72 | 1,713 | |
| 1936 | 11,945 | 15,677 | 2,985 | 12,692 | 10,979 | 72 | 1,270 | |
| 1937 | 21,234 | 24,219 | 4,136 | 20,083 | 18,813 | 72 | | |
| 1938/3 | 26,502 | 30,638 | 16,966 | 13,672 | 12,798 | 874 | | |

1. Mostly grape brandy. During 1890-1907 grape brandy constituted 98.9 per cent of total fruit brandy production in California.
2. Less than 500 proof gallons.

3. Preliminary.
Source of data: 1890-1915: Univ. of Calif., College of Agr., Shear, S. W., and Pearce, Gerald G., Supply and Price Trends in the California Wine-Grape Industry, June 1934, Part 2, mimeographed Report No. 34, Table 35.

1933-37: Estimates by Rush, Donald R., General Crops Section, Div. of Marketing and Marketing Agreements, based on reports of U. S. Treasury Dept., Bur. Internal Revenue, Alcohol Tax Unit.

Table 9

Production, Supply and Disappearance of Domestic Grape Brandy

1934 - 1938

| Calendar Year | Production | Beverage Brandy | | | Fortifying Brandy | | | Total Stocks at End of Year | Available Supply | Carried in Supply | Apparent Disappearance | Production | Stocks Carried in Supply | Available Supply | Total Stocks at End of Year | Apparent Disappearance | |
|--------------------------------|------------|-----------------|--------------------------|-----------------------|-------------------|--------|-------|-----------------------------|------------------|-------------------|------------------------|------------|--------------------------|------------------|-----------------------------|------------------------|--------|
| | | Total | Stocks Carried in Supply | Stocks at End of Year | Supply | Year | Year | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | |
| - thousands of proof gallons - | | | | | | | | | | | | | | | | | |
| 1934 | 2,736 | 1,473 | 1 | 4,209 | 2,431 | 1,778 | 5,907 | 34 | 2 | 5,941 | 66 | | | | | | 5,875 |
| 1935 | 1,574 | 2,431 | 4,005 | 3,151 | 854 | 16,409 | 66 | | | 16,475 | 379 | | | | | | 16,096 |
| 1936 | 1,362 | 3,151 | 4,513 | 3,451 | 1,062 | 11,423 | 379 | | | 11,802 | 175 | | | | | | 11,627 |
| 1937 | 2,720 | 3,451 | 6,171 | 4,584 | 1,587 | 18,543 | 175 | | | 18,718 | 192 | | | | | | 18,526 |
| 1938 | 12,227 | 4,584 | 16,811 | 15,794 | 1,017 | 13,903 | 192 | | | 14,095 | 1,171 | | | | | | 12,924 |

1. Stocks as of Jan. 31, 1934 less production during month of January.
2. Stocks as of Jan. 31, 1934.

Source of data: Cols. 1, 2, 4, 6, 7 and 9: U. S. Treasury Dept., Federal Alcohol Administration
 Col. 3: Col. 1 plus Col. 2.
 Col. 5: Col. 3 minus Col. 4.
 Col. 8: Col. 6 plus Col. 7.
 Col. 10: Col. 8 minus Col. 9.

Table 10

Brandy and Other Distilled Spirits: Production, Withdrawals,
Amounts Available for Consumption and Stocks on Hand
1933-34 -- 1938-39

| Year Beginning July 1 | Brandy | | | | Other Distilled Spirits | | | |
|--------------------------------------|-------------|--------------------|--------|------------------------------|-------------------------|------------------------------|----------------------------------------------------|--------------------|
| | Withdrawals | Domestic Brandy | Brandy | Stocks on Hand June 30 | Production | Tax-Paid With- drawals | Withdrawals & Available for Con- sumption | Domestic Brandy |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| -- thousands of tax-gallons -- -- -- | | | | | | | | |
| 1933-34 | 8,574 | 1,044 | 4,711 | 1,044 | 4,205 | 66,576 | 21,332 | 58,676 |
| 1934-35 | 9,877 | 1,435 | 7,450 | 1,435 | 4,825 | 156,123 | 65,572 | 155,765 |
| 1935-36 | 20,094 | 1,649 | 16,713 | 1,570 | 6,279 | 231,996 | 74,161 | 303,766 |
| 1936-37 | 12,472 | 1,917 | 10,979 | 1,787 | 5,650 | 233,181 | 80,429 | 445,795 |
| 1937-38 | 22,544 | 1,706 | 18,812 | 1,491 | 7,460 | 111,214 | 75,214 | 474,841 |
| 1938-39 ^{1/4} | 27,461 | 1,690 | 12,798 | 1,657 | 20,234 | 101,735 | 75,550 | 105,256 |
| | | | | | | | | 452,779 |

^{1/1.} Production at distillery only. Does not include production by rectifiers.

^{1/2.} After adjustment for production and material dumped by rectifiers except 1933-34 and 1934-35 which do not include production or dumping by rectifiers.

^{1/3.} Stocks in transit are not included.

^{1/4.} Preliminary.

Source of data: 1933-34, 1937-38 inc.: U. S. Treas. Dept., Bureau of Internal Revenue, Statistics on Distilled Spirits and Rectified Spirits and Wine for Fiscal Year Ending June 30, for 1934, 1935, 1936, 1937, 1938.

1938-39: U. S. Treas. Dept., Bur. Internal Revenue, Comparative Statistics on Distilled Spirits for June and the Fiscal Years 1939 and 1938, released July 22, 1939 and Comparative Statistics on Rectified Spirits and Wines for June and for the Fiscal Years 1939 and 1938, released August 12, 1939.

Table 11

Ethyl Alcohol: Production, Withdrawals, and Stocks on Hand
1933-34 -- 1938-39

| Year Beginning July 1 | Total Production | Withdrawals | | | | Stocks on Hand June 30 | | |
|----------------------------------|---------------------|-------------|-------|------------------------------------|-------------------------|------------------------|------------------|-------------------------------------|
| | | Tax Free | | Denaturation; Other ^{1/1} | Tax Paid ^{1/2} | Total | Ethyl Alcohol | Denatured Alcohol ^{1/3} |
| | | 1 | 2 | | | | | |
| -- thousands of proof gallons -- | | | | | | | | |
| 1933-34 | 165,104 | 137,417 | 2,581 | 16,155 | 156,153 | 27,971 | 8,753 | |
| 1934-35 | 180,646 | 163,010 | 3,095 | 16,991 | 183,096 | 25,253 | 9,297 | |
| 1935-36 | 196,126 | 172,479 | 3,407 | 24,053 | 199,939 | 21,300 | 10,928 | |
| 1936-37 | 223,181 | 179,324 | 3,607 | 32,290 | 215,221 | 28,465 | 10,107 | |
| 1937-38 | 201,034 | 164,263 | 3,640 | 28,977 | 196,880 | 32,047 | 7,866 | |
| 1938-39 ^{1/4} | 201,007 | 175,644 | 3,940 | 22,151 | 201,735 | 30,860 | 10,381 | |

^{1/1} Mostly used in hospitals and for scientific and educational purposes.

^{1/2} Approximately two-thirds used at rectifying plants in the production of other distilled spirits.

^{1/3} Conversion factor (wine gallons to proof gallons) 1.88.

^{1/4} Preliminary.

Source of data: 1933-34, 1935-36, & 1936-37: U. S. Treasury Dept., Bur. Internal Revenue, Statistics on Alcohol for 1935, 1936, & 1937.

1937-38 & 1938-39: U. S. Treasury Dept., Bur. Internal Revenue, Comparative Statistics on Alcohol for June and for the Fiscal Years 1939 and 1938, released July 24, 1939, except Col. 7, from records of Alcohol Tax Unit, U. S. Treasury Dept., Bur. Internal Revenue.

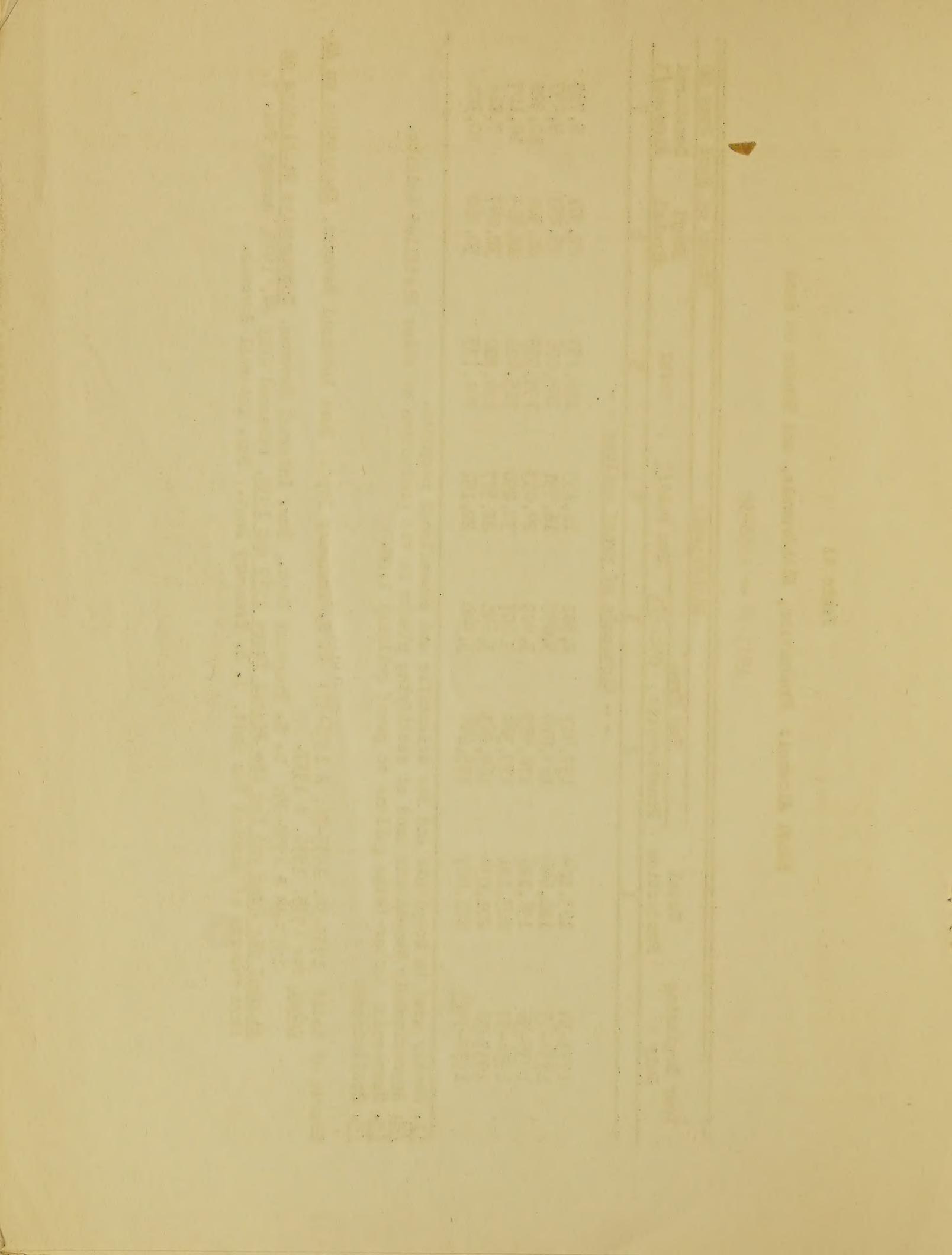


Table 12

Bearing Acreage of California Grapes, by Varietal/1 Classes

1919-1939

| Crop Year | Total | <u>Wine/<u>1</u></u> | <u>Table/<u>1</u></u> | <u>Raisin/<u>1</u></u> |
|-------------|-------------------|----------------------|-----------------------|------------------------|
| | 1 acres | 2 acres | 3 acres | 4 acres |
| 1919 | 322,000 | 97,000 | 55,000 | 170,000 |
| 1920 | 346,000 | 100,000 | 57,000 | 189,000 |
| 1921 | 362,000 | 105,000 | 60,000 | 197,000 |
| 1922 | 407,000 | 110,000 | 65,000 | 232,000 |
| 1923 | 434,371 | 114,772 | 77,389 | 242,210 |
| 1924 | 516,698 | 124,265 | 95,558 | 296,875 |
| 1925 | 597,592 | 140,323 | 122,611 | 334,658 |
| 1926 | 646,761 | 159,301 | 140,229 | 347,231 |
| 1927 | 635,464 | 169,168 | 131,956 | 334,340 |
| 1928 | 627,955 | 182,680 | 125,338 | 319,937 |
| 1929 | 606,843 | 194,689 | 116,659 | 295,495 |
| 1930 | 549,862 | 191,668 | 109,616 | 248,578 |
| 1931 | 530,758 | 187,649 | 99,957 | 243,152 |
| 1932 | 525,040 | 187,092 | 97,571 | 240,377 |
| 1933 | 504,552 | 182,514 | 88,923 | 233,115 |
| 1934 | 499,186 | 181,578 | 87,278 | 230,330 |
| 1935 | 491,100 | 177,500 | 78,600 | 235,000 |
| 1936 | 468,468 | 162,899 | 77,609 | 227,960 |
| 1937 | 481,689 | 167,864 | 79,109 | 234,716 |
| 1938* | 489,400 | 170,900 | 80,200 <u>/2</u> | 238,300 |
| 1939* | 493,700 <u>/2</u> | 173,100 <u>/2</u> | 81,000 <u>/2</u> | 239,600 <u>/2</u> |
| 1924-28 Av. | 604,894 | 155,147 | 123,139 | 326,608 |
| 1933-37 Av. | 488,999 | 174,471 | 82,304 | 232,224 |

* Preliminary data.

1. The chief varieties included in each class by the Crop Reporting Service in accordance with the most usual use for each variety are as follows: Raisin: Thompson Seedless, Muscat, and Sultana. Table: Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier. Wine: Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, and Mataro, and also several minor black and white varieties.
2. Non-bearing acreage as reported for 1939 is as follows: total grapes, 11,800 acres; wine, 2,300 acres; table, 3,700 acres; and raisin, 11,800 acres.

Source of data: Univ. of Calif., College of Agriculture, Berkeley, Calif., Shear, S. W., Deciduous Fruit Statistics as of Jan. 1939. Mimeo. Report No. 66, Grapes, Table 1.

